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☐	L1	((throughput or (through put) or congest$ or (over adj load$) or overload$) near6 server$) same ((client$ or user$) near6 (connect$ or access$ or admit$ or admission$))	31

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L2: Entry 4 of 8   File: DWPI   Feb 26, 2004

DERWENT-ACC-NO: 2004-244117
DERWENT-WEEK: 200423
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TITLE: Congestion control system judges whether server offering melody signaling
service is in congestion state based on number of portable terminals connected to
server, on receiving server access requirement from user

PATENT-ASSIGNEE:
ASSIGNEE   CODE
DAINI DENDEN KK   DAINN

PRIORITY-DATA: 2002JP-0218670 (July 26, 2002)

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PATENT-FAMILY:
      PUB-NO   PUB-DATE   LANGUAGE   PAGES   MAIN-IPC
☐   JP 2004064346 A   February 26, 2004   009   H04Q007/38

APPLICATION-DATA:
PUB-NO   APPL-DATE   APPL-NO   DESCRIPTOR
JP2004064346A   July 26, 2002   2002JP-0218670

INT-CL (IPC): G06 F 15/00; H04 M 3/00; H04 M 3/36; H04 Q 7/38

ABSTRACTED-PUB-NO: JP2004064346A
BASIC-ABSTRACT:

NOVELTY - A congestion control apparatus (10) judges whether the server (20)
offering melody signaling service, is in congestion state based on number of
portable terminals connected to server, on receiving server access requirement from
user's portable terminal (1). A notification of server congestion state is sent to
user terminal, based on the judgment result.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) congestion control method;

(2) congestion control program; and   Best Available Copy

(3) portable terminal.

USE - For controlling user access to server through Internet, for downloading
desired melody of ringer tone using portable terminal (claimed) such as mobile
telephone.

ADVANTAGE - Prevents connection of user terminal to server for preset time, based
on server congestion state, thereby preventing network congestion by performing

reconnection to server within preset time.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic view of the congestion control system. (Drawing includes non-English language text).

portable terminal 1

congestion control apparatus 10

server 20

CHOSEN-DRAWING: Dwg.1/3

TITLE-TERMS: CONGESTED CONTROL SYSTEM JUDGEMENT SERVE OFFER MELODY SERVICE CONGESTED STATE BASED NUMBER PORTABLE TERMINAL CONNECT SERVE RECEIVE SERVE ACCESS REQUIRE USER

DERWENT-CLASS: T01 W01

EPI-CODES: T01-N01D; T01-N02B2B; T01-S03; W01-B05A1A; W01-B05A1C; W01-C02A1A; W01-C02B9; W01-C05B3;

SECONDARY-ACC-NO:
Non-CPI Secondary Accession Numbers: N2004-193766

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1 **Mitigating server-side congestion in the Internet through pseudoser**
Kong, K.; Ghosal, D.;
Networking, IEEE/ACM Transactions on , Volume: 7 , Issue: 4 , Aug. 1999
Pages:530 - 544

[Abstract]   [PDF Full-Text (232 KB)]   IEEE JNL

2 **A distributed model for multi-area power systems on-line dynamic security analysis**
Nithiyananthan, K.;
TENCON '02. Proceedings. 2002 IEEE Region 10 Conference on Computers,
Communications, Control and Power Engineering , Volume: 3 , 28-31 Oct. 200
Pages:1765 - 1767 vol.3

[Abstract]   [PDF Full-Text (302 KB)]   IEEE CNF

3 **Evaluating IPv4 to IPv6 transition mechanisms**
Raicu, I.; Zeadally, S.;
Telecommunications, 2003. ICT 2003. 10th International Conference on , Volu
2 , 23 Feb.-1 March 2003
Pages:1091 - 1098 vol.2

[Abstract]   [PDF Full-Text (544 KB)]   IEEE CNF

4 **A performance study of robust load sharing strategies for distribute heterogeneous Web server systems**
Colajanni, M.; Yu, P.S.;
Knowledge and Data Engineering, IEEE Transactions on , Volume: 14 , Issue:
2 , March-April 2002
Pages:398 - 414

[Abstract]   [PDF Full-Text (476 KB)]   IEEE JNL

5 Isochronous services in home multimedia networks

Gubbi, R.;
Communications, Computers and Signal Processing, 1999 IEEE Pacific Rim
Conference on , 22-24 Aug. 1999
Pages:534 - 539

[Abstract]   [PDF Full-Text (516 KB)]   IEEE CNF

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